**Supplementary Table 1. ICD-10 classification of 79 patients with IHS**

|  |  |  |
| --- | --- | --- |
|  | ICD-10 Chapter, n (%) | IHS  |
|  |  | N = 79 |
| II  | (C00-D48) | Neoplasms  | 42 (53.2) |
| III | (D50-D89) | Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism | 2 (2.5) |
| IV  | (E00-E90) | Endocrine, nutritional, and metabolic diseases  | 3 (3.8) |
| Ⅴ  | (F00-F99) | Mental and behavioural disorders | 1 (1.3) |
| VIII | (H60-H95) | Diseases of the ear and mastoid process | 1 (1.3) |
| IX | (I00-I99) | Diseases of the circulatory system  | 18 (22.8) |
| X | (J00-J99) | Diseases of the respiratory system | 4 (5.1) |
| Ⅺ | (K00-K93) | Diseases of the digestive system  | 1 (1.3) |
| XIII | (M00-M99) | Diseases of the musculoskeletal system and connective tissue  | 3 (3.8) |
| XIV | (N00-N99) | Diseases of the genitourinary system  | 3 (3.8) |
| XXI | (Z00-Z99) | Factors influencing health status and contact with health services  | 1 (1.3) |

Abbreviations: IHS, in-hospital ischemic stroke; ICD-10, International Statistical Classification of Diseases and Related Health Problems 10th Revision.

**Supplementary Table 2. Characteristics of neoplasms in patients with IHS**

|  |  |
| --- | --- |
| 　 | IHS with active cancer |
| 　 | N = 42 |
|  Cancer type, n (%) |  |
|  Lung cancer |  15 (35.7) |
|  Gastric cancer |  6 (14.3) |
|  Pancreatic cancer |  4 (9.5) |
|  Uterine cervix caner |  3 (7.1) |
|  Esophageal cancer |  2 (4.8) |
|  Colon cancer |  2 (4.8) |
|  Ovarian cancer |  2 (4.8) |
|  Malignant lymphoma |  2 (4.8) |
|  Others |  6 (14.3) |
|  |  |
|  Histology |  |
|  Adenocarcinoma |  25 (59.5) |
|  No adenocarcinoma |  17 (40.5) |
|  |  |
|  Cancer stage, n (%) |  |
| I |  2 (4.8) |
| II |  4 (9.5) |
| III |  7 (16.7) |
| IV |  27 (64.3) |
| Unknown |  2 (4.8) |

Abbreviations: IHS, in-hospital ischemic stroke.